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MSDS JEECHEM SHAMPOO CONCENTRATE #7CL

SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Manufacturer Name: JEEN INTERNATIONAL CORPORATION
24 Madison Road Fairfield, NJ 07004
Telephone Number: 973-439-1401
Generic Chemical Name: Mixture
Trade Name: JEECHEM SHAMPOO CONC. #7CL
Last Revised: 7/13/2011

Chemtrec Emergency Telephone No.: 800-424-9300
Chemtrec International Telephone No.: 703-527-3887 (Collect Calls Accepted)

SECTION 2 – Hazardous Identification

Appearance: Clear liquid
Odor: Mild alcohol
Principal Hazards: Danger.

- Causes severe eye irritation risk of irreversible eye damage.
- Harmful if inhaled
- Components known to cause chronic human health effects.
- Combustible liquid.
- May cause skin irritation.
- May cause respiratory tract irritation.

Target Organs: Central nervous system Liver

See Section 11 for complete health hazard information

SECTION 3 – Compositional Information On Ingredients

HAZARDOUS INGREDIENTS

Comp	CAS No.	Percentage (by wt.)	Carcinogen
Ammonium laureth sulfate	67762-19-0	From 10 to 19.99%	N/E
Ethyl alcohol	64-17-5	From 1 to 4.9%	IARC Human Carcinogen
Ethoxylated alcohol	Confidential	From 0.5 to 1.5%	N/E
Methanol	67-56-1	From 0.1 to 0.9%	N/E

SECTION 4 – First Aid Measures

EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.

SKIN: Wash with plenty of soap and water. Remove contaminated clothing. If skin irritation occurs, get medical attention. Launder contaminated clothing before reuse.

INHALATION: Remove exposed person to fresh air if adverse effects are observed. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. Call a poison center or doctor if exposed or you feel unwell.

ORAL: DO NOT INDUCE VOMITING. Get medical attention immediately.

ADDITIONAL INFORMATION: If exposed or concerned: get medical attention.

SECTION 5 – Fire Fighting Measures

FLASH POINT: >82°C, 179.6°F (Minimum)

EXTINGUISHING MEDIA: CO₂, Dry chemical or foam. Water can be used to cool and protect exposed material.

FIREFIGHTING PROCEDURES: Wear full protective fire gear including self-contained breathing apparatus operated in the positive pressure mode with full face piece, coat, pants, gloves and boots. Water may cause splattering.



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SECTION 5 – Fire Fighting Measures Continued

UNUSUAL FIRE & EXPLOSION HAZARDS: Material will not burn. Vapors may be heavier than the air and may travel along the ground to a distant ignition source and flash back. Container may rupture on heating. See section 10 for additional information.

SECTION 6 – Accidental Release Measures

SPILL PROTECTION: Evacuate all non-essential personnel. Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Take precautions to avoid release to the environment. Eliminate all ignition sources if safe to do so. Ventilate spill area. Prevent entry into sewers and waterways, dispose of in accordance with all federal, state and local environmental regulation. Spilled liquid and dried film are slippery. Use care to avoid falls. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Check under Transportation and Labeling (DOT/CERCLA) and other Regulatory Information section (SARA) for hazardous substances to determine regulatory reporting requirements for spills.

SECTION 7 – Handling and Storage

PUMPING TEMPERATURE: Not Determined.
MAXIMUM HANDLING TEMPERATURE: Not Determined.
HANDLING PROCEDURES: Keep away from potential sources of ignition. Keep containers closed when not in use. Do not discharge into drains or the environment, dispose to an authorized waste collection point. Use appropriate containment to avoid environmental contamination. Avoid contact with skin or eyes. Avoid drinking, tasting, swallowing, or ingesting this product. Avoid inhalation of aerosol, mist, spray, fume or vapor. Avoid breathing dust, fumer, gas, mist, vapors or spray. Wash thoroughly after handling. Launder contaminated clothing before reuse. Empty containers retain material residue. Do not cut, weld, braze, solder, drill, grind or expose containers to heat, flame, spark or other sources of ignition. Dispose of packaging or containers in accordance with local, regional, national and international regulations.
MAXIMUM STORAGE TEMPERATURE: 48.89°C, 120°F
STORAGE PROCEDURES: Do not store near potential sources of ignition. Take precautions to avoid release to the environment. Store in a cool, dry and well-ventilated area. Keep container closed when not in use. Do not store at temperatures greater than 120°F (49°C). Do not store in open, unlabeled, or mislabeled containers. See section 10 or incompatible materials.
LOADING TEMPERATURES: Not Determined.

SECTION 8 – Exposure Controls/Personal Protection

EXPOSURE LIMITS:

COMP	EXPOSURE GUIDELINES					
	OSHA		ACGIH		OTHER	
	TWA	STEL	TWA	STEL	TWA	STEL
Ethyl alcohol	1000 ppm	N/E	N/E	1000 ppm	N/E	N/E
Methanol	200 ppm	N/E	200 ppm(s)	250 ppm	N/E	N/E

- (s)-Skin exposure
- (p)-Proposed limit
- (c)- Ceiling exposure
- (l)- Recommended exposure limit
- (u)-Supplier recommended exposure limit
- (N/E)-None Established



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SECTION 8 – Exposure Controls/Personal Protection Continued

OTHER EXPOSURE LIMITS:	This product contains formaldehyde, which has an OSHA PEL TWA of 0.75 ppm and ACGIH TLV TWA of 0.3 ppm.
ENGINEERING CONTROLS:	Use material in well-ventilated area only. Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure limits. Prevent inhalation by providing effective general and, when necessary, local exhaust ventilation to draw spray, aerosol, fume, mist, or vapor away from workers.
GLOVES PROCEDURES:	Use good industrial hygiene practices to avoid skin contact. If contact with the material may occur wear chemically protective gloves.
EYE PROTECTION:	Safety glasses. If potential for splash or mist exists, wear chemical goggles or faceshield.
RESPIRATORY PROTECTION:	Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator.
CLOTHING RECOMMENDATION:	Gloves, coveralls, apron, boots as necessary to minimize contact. Wear either a chemical protective suit or apron when potential for contact with material exists. Do not wear rings, watches or similar apparel that could entrap the material and cause skin reaction.

SECTION 9 – Physical and Chemical Properties

FLASH POINT:	>82°C, 179.6°F PMCC (Minimum)
UPPER FLAMMABLE LIMIT:	Not Determined.
LOWER FLAMMABLE LIMIT:	Not Determined.
AUTOIGNITION POINT:	Not Determined.
EXPLOSION DATA:	Material does not have explosive properties.
VAPOR PRESSURE:	~ 18 mm Hg (20°C)
pH:	6.5 - 7 at 10% in water
SPECIFIC GRAVITY:	1.02 (20°C)
BULK DENSITY:	8.51 Lb/gal, 1.02 Kg/L
WATER SOLUBILITY:	Dispersible
PERCENT SOLID:	>37.5% By Weight
PERCENT VOLATILE:	<62.5% By Weight
VOLATILE ORGANIC COMPOUND:	Not Determined.
VAPOR DENSITY:	<1 Air=1
EVAPORATION RATE:	<1 Butyl acetate = 1
ODOR:	Mild Alcohol
APPEARANCE:	Clear Liquid
VISCOSITY:	<5000 Centipoise (25°C)
ODOR THRESHOLD:	Not Determined.
BOILING POINT:	~100°C, ~212°F (Typical)
POUR POINT TEMPERATURES:	Not Determined.
MELTING/FREEZING POINT:	~0°C, ~32°F

SECTION 10 – Stability and Reactivity

STABILITY:	Material is normally stable at moderately elevated temperatures and pressures.
DECOMPOSITION TEMPERATURE:	Not Determined.
INCOMPATIBILITY:	Strong acids. Strong Bases. Oxidizing agents.
POLYMERIZATION:	Will not occur
THERMAL DECOMPOSITION:	Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion. Under combustion conditions, oxides of the following elements will be



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SECTION 10 – Stability and Reactivity Continued

CONDITIONS TO AVOID:

formed: nitrogen, sulfur. Irritating and toxic substances may be emitted upon combustion, burning, or decomposition of dry solids.
Not Determined

SECTION 11 – Toxicological Information

ACCUTE EXPOSURE

EYE IRRITATION: Sever eye irritant. Risk of irreversible damage to eyes. Based on data from components or similar materials.

SKIN IRRITATION: May cause mild skin irritation. Does not meet Canadian D2B or EU R38 criteria. Based on data from components or similar materials. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying and cracking of skin.

RESPIRATORY IRRITATION: May cause nose, throat, and lung irritation. Based on data from components or similar materials.

DERMAL TOXICITY: The LD50 in rabbits is >2000 mg/Kg. Based on data from components of similar material.

INHALATION TOXICITY: High concentrations may cause headaches, dizziness, nausea, behavioral changes, weakness, drowsiness, and stupor.

ORAL TOXICITY: The LD50 in rats is >10,000 mg/Kg. Based on data from components or similar materials. Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain.

DERMAL SENSITIZATION: No data available to indicate product or components may be a skin sensitizer.

INHALATION SENSITIZATION: No data available to indicate product or components may be respiratory sensitizers.

CHRONIC EXPOSURE

CHRONIC TOXICITY: Ingestion of ethanol is known to cause liver damage and other chronic effects in humans. Inhalation testing using laboratory animals resulted in liver damage only at high concentrations.

CARCINOGENICITY: No available data to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

MUTAGENICITY: Product contains between 0.1% and 1% methanol. In-vitro test on methanol indicate limited evidence of mutagenicity.

REPRODUCTIVE TOXICITY: No available data to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.

TERATOGENICITY: Product contains between 0.1% and 1% methanol. Methanol has been reported to cause birth defects in rats exposed to very high levels of vapor (20,000 ppm). Ethanol has been reported to cause birth defects in laboratory animals.

ADDITIONAL INFORMATION

OTHER: No other health hazards known.

SECTION 12 – Ecological Information

Environmental Toxicity

FRESHWATER FISH TOXICITY: The acute LC50 is 1-10 mg/L based on component data.

FRESHWATER INVERTEBRATES TOXICITY: The acute EC50 is 1-10 mg/L based on component data. Chronic effects expected at <1 mg/L based on component data

ALGAL INHIBITION: The acute EC50 is 1-100 mg/L based on component data.

SALTWATER FISH TOXICITY: Not Determined.

SALTWATER INVERTEBRATES TOXICITY: Not Determined.

BACTERIA TOXICITY: Not Determined.

MISCELLANEOUS TOXICITY: Not Determined.



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Environmental Fate

SECTION 12 – Ecological Information Continued

BIODEGRADATION: At least 75% of the components in this product show rapid biodegradation based on OECD 301-type test data.
BIOACCUMULATION: 25% or greater of the components display no potential to bioconcentrate.
SOIL MOBILITY: Not Determined.

SECTION 13 – Disposal Considerations

WASTE DISPOSAL: This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261. Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

SECTION 14 – Transport Information

ICAO/IATA I: Non-Regulated.
ICAO/IATA II: Non-Regulated.
IMDG: Non-Regulated.
IMDG EMS FIRE: Not Applicable.
IMDG EMS SPILL: Not Applicable.
IMDG MFAG: Not Applicable.
MARPOL ANNEX II: Not Determined.
USCG COMPATIBILITY: Not Determined.
U.S. DOT BULK: UN1170 Ethanol Combustible Liquid, III
DOT NAERG: 127
U.S. DOT (INTERMEDIATE): UN1170 Ethanol Combustible Liquid, III
U.S. DOT INTERMEDIATE NAERG: 127
U.S. DOT NON-BULK: Non-Regulated.
U.S. DOT NON-BULK NAERG: Not Applicable.
CANADA: Non-Regulated.
MEXICO: Non-Regulated.
BULK QUANTITY: 50000 KG, 110230 lbs.
INTERMEDIATE QUANTITY: 11000 KG, 24251 lbs.
NON-BULK QUANTITY: 400 KG, 882 lbs.

Review classification requirements before shipping materials at elevated temperatures.

SECTION 15 – Regulatory Information

Global Chemical Inventories

USA: All components of this material are on the USA TSCA Inventory or are exempt.
OTHER TSCA REG.: None known.
EU: All components are in compliance with the EC Seventh amendment Directive 92/32/EEC.
JAPAN: This product contains one or more components that are not included on the Existing and New Chemical Substances List (ENCS). It is intended for use solely as a cosmetic ingredient in Japan.
AUSTRALIA: All components are in compliance with the chemical notification requirements in Australia.
NEW ZEALAND: All components are in compliance with the chemical notification requirements in New Zealand.
CANADA: All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances list.
SWITZERLAND: All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.
KOREA: All components are in compliance in Korea.



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SECTION 15 – Regulatory Information Continued

PHILIPPINES: All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Waste Control Act of 1990 (R.A. 6969)
CHINA: All components of this product are listed on the Inventory of Existing Chemical Substances in China.
TAIWAN: May require notification before sale in Taiwan.

Other U.S. Federal Regulations

SARA EXT. HAZ. SUBST.: This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.
SARA SECTION 313: This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.
SARA 311 CLASSIFICATIONS:

ACUTE HAZARD	YES
CHRONIC HAZARD	YES
FIRE HAZARD	YES
REACTIVITY HAZARD	NO

CERCLA HAZARDOUS SUBSTANCES: None known.

State Regulations

CAL. PROP. 65: This product contains the following chemical(s) known to the state of California to cause cancer and/or birth defects : 0.006% 1,4 Dioxane, CAS no. 123-91-1 0.062% Formaldehyde, CAS no. 50-00-0 2.7% Ethyl alcohol, CAS no. 64-17-5

Product Registrations

U.S. FUEL REGISTRATION: Not applicable.
FINNISH REGISTRATION NUMBER: Not registered.
SWEDISH REGISTRATION NUMBER: Not registered.
NORWEGIAN REGISTRATION NUMBER: Not registered.
DANISH REGISTRATION NUMBER: Not registered.
SWISS REGISTRATION NUMBER: Not registered.
ITALIAN REGISTRATION NUMBER: Not registered.

Other / International

MISCELLANEOUS REGULATORY INFORMATION: Not determined.

SECTION 16 – Other Information

US NFPA CODES:

HEALTH	FIRE	REACTIVITY	SPECIAL
3	2	0	N/E

HMIS CODES:

HEALTH	FIRE	REACTIVITY
3	2	0



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SECTION 16 – Other Information Continued
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PRECAUTIONARY LABELS:

Danger.

- Causes severe eye irritation risk of irreversible eye damage.
- Harmful if inhaled.
- Component(s) known to cause chronic human health effects.
- Combustible liquid.
- May cause skin irritation.
- May cause respiratory tract irritation.

REVISION INDICATORS:

Section: 3 Hazardous Ingredients	Changed: 7 January 2011
Section: 7 Maximum storage temperature	Changed: 7 January 2011
Section: 8 Hazardous Ingredients	Changed: 7 January 2011
Section: 9 Boiling Point	Changed: 7 January 2011
Section: 9 Boiling Point	Changed: 7 January 2011
Section: 9 Freezing Point	Changed: 7 January 2011
Section: 9 Vapor Density	Changed: 7 January 2011
Section: 9 Vapor Pressure	Changed: 7 January 2011
Section:10 Thermal decomposition	Changed: 7 January 2011

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